

EXHIBIT

33-a

Number	Patent No.	Title	Applied Date	Pending Patents	Pending Claims	Claims over 25;	No. of Ind. Claims
1	90646	Electrographic Vote-Recorder	10/22/1868	1	3		3
2	91527	Printing-Telegraphs	2/17/1869	2	4		1
3	96567	Printing-Telegraph Apparatus	8/27/1869	1	2		2
4	96681	Automatic Electrical Switch for Telegraph Apparatus	9/4/1869	2	4		2
5	102320	Printing-Telegraph Apparatus (with Franklin L. Pope)	10/27/1869	3	12		8
6	103035	Electro-Motor Escapements	4/11/1870	2	12		4
7	103924	Printing-Telegraph Instruments (with Franklin L. Pope)	4/14/1870	3	21		9
8	128608	Printing-Telegraph Instruments (with Franklin L. Pope)	5/27/1870	2	13		4
9	114656	Telegraphic Transmitting Instruments	6/28/1870	2	5		1
10	114658	Electro-Magnets for Telegraph Instruments	6/28/1870	3	7		2
11	111112	Governors for Electro-Motors	7/6/1870	4	8		1
12	114657	Relay-Magnets for Telegraph Instruments	9/27/1870	5	11		3
13	113033	Printing-Telegraph Apparatus	11/22/1870	6	18		7
14	113034	Printing-Telegraph Apparatus	1/14/1871	7	23		5
15	123005	Telegraph Apparatus	8/4/1871	2	16		12
16	123006	Printing-Telegraphs	8/4/1871	3	19		3
17	123984	Telegraph Apparatus	8/4/1871	4	22		3
18	124800	Telegraphic Recording Instruments	8/18/1871	5	25		3
19	121601	Machinery for Perforating Paper for Telegraph Purposes	8/18/1871	6	45 x		20
20	126535	Printing-Telegraphs	11/18/1871	7	49 x		4
21	133841	Type-Writing Machines	11/18/1871	8	57 x		8
22	126532	Printing-Telegraphs	11/22/1872	8	47 x		10
23	126531	Printing-Telegraphs	1/24/1872	7	35 x		3
24	126534	Printing-Telegraphs	1/24/1872	8	40 x		5
25	126528	Type-Wheels for Printing-Telegraphs	1/30/1872	9	42 x		2
26	126529	Type-Wheels for Printing-Telegraphs	1/30/1872	10	43 x		1
27	126530	Printing-Telegraphs	2/19/1872	11	47 x		4
28	126533	Printing-Telegraphs	2/19/1872	12	49 x		2
29	132456	Apparatus for Perforating Paper for Telegraphic Use	3/22/1872	11	48 x		5
30	132455	Paper for Chemical Telegraphs etc.	4/16/1872	12	49 x		1
31	133019	Electrical Printing-Machines	4/25/1872	13	51 x		2
32	128131	Printing-Telegraphs	5/7/1872	6	21		1
33	128604	Printing-Telegraphs	5/7/1872	7	22		1
34	128605	Printing-Telegraphs	5/7/1872	8	23		1
35	128606	Printing-Telegraphs	5/7/1872	9	24		1
36	128607	Printing-Telegraphs	5/7/1872	10	25		2
37	131334	Rheostomes or Circuit-Directors	6/6/1872	11	27 x		1
38	134867	Automatic Telegraph Instruments	6/6/1872	12	29 x		2
39	134868	Electro-Magnetic Adjusters	6/6/1872	13	30 x		1
40	130795	Electro-Magnets	6/6/1872	14	31 x		1
41	131342	Printing-Telegraph Instruments	6/6/1872	15	33 x		2
42	131341	Printing-Telegraphs	6/6/1872	16	36 x		3
43	131337	Printing-Telegraphs	7/9/1872	11	33 x		6

44	131340 Printing-Telegraphs	7/9/1872	12	36 x
45	131343 Transmitters and Circuits for Printing-Telegraphs	7/9/1872	13	39 x
46	131335 Printing-Telegraphs	7/9/1872	14	40 x
47	131336 Printing-Telegraphs	7/9/1872	15	41 x
48	131338 Printing-Telegraphs	7/9/1872	16	43 x
49	131339 Printing-Telegraphs	7/9/1872	17	44 x
50	131344 Union-Stops for Printing-Telegraphs	7/9/1872	18	46 x
51	134866 Printing-Telegraph Instruments	10/22/1872	5	15
52	138869 Printing-Telegraphs	10/22/1872	6	18
53	142999 Galvanic Batteries	11/5/1872	7	19
54	141772 Circuits for Automatic or Chemical Telegraphs	11/9/1872	8	20
55	135531 Circuits for Chemical Telegraphs	11/11/1872	9	21
56	146812 Telegraph-Signal Boxes	12/3/1872	9	21
57	141773 Circuits for Automatic Telegraphs	1/15/1873	6	11
58	141776 Circuits for Automatic Telegraphs	1/15/1873	7	12
59	150848 Chemical or Automatic Telegraphs	1/15/1873	8	13
60	139128 Printing-Telegraphs	2/18/1873	8	15
61	139129 Printing-Telegraphs	2/18/1873	9	17
62	140487 Printing-Telegraphs	2/18/1873	10	19
63	140489 Circuits for Printing-Telegraphs	2/18/1873	11	20
64	138870 Printing-Telegraphs	3/13/1873	12	21
65	141774 Chemical Telegraphs	3/13/1873	13	22
66	141775 Perforators for Automatic Telegraphs	3/13/1873	14	23
67	141777 Relay-Magnets	3/13/1873	15	24
68	142688 Electrical Regulators for Transmitting-Instruments	3/13/1873	16	25
69	156843 Duplex Chemical Telegraphs	3/13/1873	17	26 x
70	147312 Perforators for Automatic Telegraphy	7/29/1873	12	16
71	147314 Circuits for Chemical Telegraphs	7/29/1873	13	17
72	150847 Receiving Instruments for Chemical Telegraphs	7/29/1873	14	18
73	162633 Duplex Telegraphs	4/26/1873	21	33 x
74	140488 Printing-Telegraphs	5/16/1873	20	35 x
75	147917 Duplex Telegraphs	6/27/1873	19	31 x
76	150846 Telegraph-Relays	6/27/1873	20	33 x
77	147311 Electric Telegraphs	7/29/1873	18	25
78	147313 Chemical Telegraphs	7/29/1873	19	27 x
79	160405 Adjustable Electro-Magnets for Relays, etc.	7/29/1873	20	28 x
80	151209 Automatic Telegraphy and Perforators Therefor	9/2/1873	15	22
81	160402 Solutions for Chemical Telegraph-Paper	6/11/1874	4	6
82	160404 Solutions for Chemical Telegraph-Paper	6/11/1874	5	7
83	160580 Solutions for Chemical Telegraph-Paper	6/11/1874	6	8
84	160403 Solutions for Chemical Telegraph-Paper	6/11/1874	7	9
85	154788 District Telegraph Signal-Boxes	5/11/1874	12	18
86	168004 Printing-Telegraphs	6/11/1874	9	14
87	166859 Chemical Telegraphy	7/25/1874	10	16

68	166860 Chemical Telegraphy	7/25/1874	17
69	166861 Chemical Telegraphy	7/25/1874	12
90	158787 Telegraph Apparatus	8/13/1874	18
91	172305 Automatic Roman-Character Telegraphs	11/15/1875	22
92	173718 Automatic Telegraphy	11/15/1875	19
93	168465 Solutions for Chemical Telegraphs	11/15/1875	20
94	178221 Duplex Telegraphs	9/11/1874	1
95	178222 Duplex Telegraphs	9/11/1874	1
96	178223 Duplex Telegraphs	9/11/1874	3
97	180868 Duplex Telegraphs	9/11/1874	3
98	207723 Duplex Telegraphs	9/11/1874	2
99	480567 Duplex Telegraph	9/11/1874	2
100	207724 Duplex Telegraphs	12/28/1874	5
101	168242 Transmitters and Receivers for Automatic Telegraphs	1/26/1875	2
102	168243 Automatic Telegraphs	1/26/1875	2
103	168385 Duplex Telegraphs	1/26/1875	2
104	168466 Solutions for Chemical Telegraphs	1/26/1875	1
105	168467 Recording-Points for Chemical Telegraphs	1/26/1875	1
106	195751 Automatic Telegraphs	1/27/1875	1
107	195752 Automatic Telegraphs	1/27/1875	2
108	171273 Telegraph Apparatus	2/16/1875	2
109	169972 Electric-Signalling Instruments	3/23/1875	2
110	209241 Quadruplex-Telegraph Repeaters	3/23/1875	2
111	160857 Autographic Printing	3/13/1876	2
112	198088 Telephonic Telegraphs	4/6/1876	6
113	198089 Telephonic or Electro-Harmonic Telegraphs	4/6/1876	5
114	182996 Acoustic Telegraphs	5/16/1876	3
115	186330 Acoustic Electric Telegraphs	5/16/1876	7
116	198087 Telephonic Telegraphs	5/16/1876	8
117	186548 Telegraphic Alarm and Signal Apparatus	5/18/1876	4
118	185507 Electro-Harmonic Multiplex Telegraphs	5/18/1876	5
119	200993 Acoustic Telegraphs	8/31/1876	13
120	235142 Acoustic Telegraph	9/18/1876	5
121	200032 Synchronous Movements for Electric Telegraphs	9/30/1876	1
122	200994 Automatic Telegraph Perforator and Transmitter	11/1/1876	1
123	213554 Pneumatic Telegraphs	11/1/1876	2
124	205370 Pneumatic Stencil-Pens	3/26/1877	4
125	196747 Stencil-Pens	4/23/1877	4
126	203329 Perforating Pens	4/23/1877	8
127	474230 Speaking-Telegraph	4/27/1877	3
128	230621 Addressing-Machine	5/10/1877	2
129	217781 Sextuplex Telegraphs	5/14/1877	1
130	377374 Telegraphy	5/14/1877	1
131	452913 Sextuplex Telegraph	6/2/1877	3

132	453601	Sextuplex Telegraph	6/2/1877	23
133	512872	Sextuplex Telegraph	6/2/1877	24
134	474231	Speaking-Telegraph	7/20/1877	25
135	203014	Speaking-Telegraphs	7/20/1877	26
136	208299	Speaking-Telephones	7/20/1877	27
137	420594	Quadruplex Telegraph	8/22/1877	28
138	203015	Speaking-Telegraphs	8/28/1877	29
139	492789	Speaking-Telegraph	9/5/1877	30
140	203013	Speaking-Telegraphs	12/13/1877	25
141	203018	Telephones or Speaking-Telegraphs	12/13/1877	26
142	200521	Phonograph or Speaking Machines	12/24/1877	27
143	203019	Circuits for Acoustic or Telephonic Telegraphs	2/21/1878	26
144	201760	Speaking-Machines	3/4/1878	27
145	203017	Telephone Call-Signal	3/4/1878	28
146	203016	Speaking-Telephones	3/7/1878	27
147	210767	Vocal Engines	11/27/1878	14
148	214636	Electric Lights	10/14/1878	16
149	222390	Carbon-Telephones	11/11/1878	16
150	217782	Duplex Telegraphs	11/14/1878	17
151, ...	214637	Thermal Regulators for Electric Lights	11/18/1878	18
152, u,	218166	Magneto-Electric Machines	12/9/1878	19
153	218866	Electric Lighting Apparatus	12/9/1878	20
154, ?	219628	Electric Lights	12/9/1878	21
155	295590	Type-Writer	12/9/1878	22
156	218167	Apparatus for Electric Lights	1/10/1879	22
157	224329	Electric-Lighting Apparatus	2/3/1879	23
158	227228	Electric Light	2/3/1879	24
159	227227	Electric Light	2/10/1879	25
160	224665	Autographic Stencils for Printing	3/17/1879	26
161	227679	Photograph	3/29/1879	26
162	221967	Telephones	3/31/1879	27
163	227229	Electric Light	4/2/1879	28
164	264643	Magneto-Electric Machine	5/12/1879	27
165	219393	Dynamo-Electric Machine	7/10/1879	28
166	231704	Electro-Chemical Receiving-Telephone	7/25/1879	27
167	266022	Telephone	8/6/1879	26
168	252442	Telephone	8/6/1879	26
169	222861	Magneto-Electric Machines	9/10/1879	27
170	223898	Electric Lamp	11/4/1879	26
171	230255	Method of Manufacturing Electric Lamps	2/5/1880	23
172	265311	Electric Lamp and Holder for the Same	2/5/1880	24
173	369280	System of Electrical Distribution	2/5/1880	25
174	248425	Apparatus for Producing High Vacuums	3/29/1880	24
175	228617	Brake for Electro-Magnetic Motors	3/20/1880	25
			89 x	3

220	248565 Webermeter	59	12/15/1880
221	263678 Electric Lamp	60	12/15/1880
222	239154 Relay for Telegraphs	61	12/14/1880
223	248431 Preserving Fruit	61	12/14/1880
224	242898 Magneto or Dynamo Electric Machine	62	12/14/1880
225	265777 Method of Treating Carbons for Electric Lamps	63	12/15/1880
226	239374 Regulating the Generation of Electric Currents	64	12/15/1880
227	248428 Manufacture of Incandescent Electric Lamps	65	1/11/1881
228	248427 Apparatus for Treating Carbons for Electric Lamps	66	1/11/1881
229	248437 Apparatus for Treating Carbons for Electric Lamps	67	1/11/1881
230	248416 Manufacture of Carbons for Electric Lamps	68	1/11/1881
231	242899 Electric Lighting	69	1/11/1881
232	248418 Electric Lamp	70	1/26/1881
233	248433 Vacuum Apparatus	71	1/31/1881
234	251548 Incandescent Electric Lamp	72	1/31/1881
235	406824 Electric Meter	73	1/31/1881
236	248422 System of Electric Lighting	74	1/31/1881
237	431010 Dynamo or Magneto-Electric Machine	75	2/21/1881
238	242901 Electric Meter	75	3/3/1881
239	248429 Electric Motor	76	3/3/1881
240	248421 Current-Regulator for Dynamo-Electric Machines	76	3/5/1881
241	251650 Magneto or Dynamo Electric Machine	77	3/3/1881
242	251555 Regulator for Dynamo-Electric Machines	78	5/27/1881
243	482549 Means for Controlling Electric Generation	65	3/12/1881
244	248420 Fixture and Attachment for Electric Lamps	80	3/26/1881
245	251553 Electric Chandelier	72	3/26/1881
246	251554 Electric Lamp and Socket or Holder	73	3/26/1881
247	248424 Fitting and Fixture for Electric Lamps	74	3/26/1881
248	248419 Electric Lamp	75	3/26/1881
249	251542 System of Electric Lighting	72	4/15/1881
250	263145 Process of Making Incandescents	72	4/26/1881
251	266447 Electric Incandescent Lamp	73	4/26/1881
252	251552 Underground Conductors	74	4/26/1881
253	476531 Electric-Lighting System	75	4/26/1881
254	248436 Depositing Cell for Plating the Connections of Electric Lamps,	76	4/26/1881
255	251539 Electric Lamp	77	5/27/1881
256	263136 Regulator for Dynamo or Magneto Electric Machines	78	5/27/1881
257	251557 Webermeter	79	5/27/1881
258	263134 Regulator for Dynamo or Magneto Electric Machines	80	5/28/1881
259	251541 Electro-Magnetic Motor	81	5/31/1881
260	251549 Electric Lamp and the Manufacture Thereof	82	5/31/1881
261	341644 Incandescent Electric Lamp	83	5/31/1881
262	251544 Manufacture of Electric Lamps	84	6/22/1881
263	251558 Webermeter	79	6/30/1881

264	263141 Straightening Carbons of Electric Incandescent Lamps	6/24/1881	81	250 x
265	251551 System of Electric Lighting	8/30/1881	82	252 x
266	263137 Electric Chandelier	8/30/1881	83	253 x
267	264657 Incandescent Electric Lamp	8/30/1881	84	257 x
268	251543 Electric Lamp	8/30/1881	85	258 x
269	251538 Electric Light	5/28/1881	92	281 x
270	251547 Electrical Governor	6/24/1881	87	265 x
271	263150 Magneto or Dynamo Electric Machine	6/22/1881	88	271 x
272	425760 Measurement of Electricity in Distribution Systems	6/22/1881	89	274 x
273	263131 Magnetic Ore-Separator	6/22/1881	90	276 x
274	435687 Means for Charging and Using Secondary Batteries	9/3/1881	91	279 x
275	263143 Magneto or Dynamo Electric Machine	8/30/1881	92	283 x
276	261537 Dynamo-Electric Machine	8/30/1881	93	285 x
277	263147 Vacuum Apparatus	8/30/1881	94	289 x
278	439389 Electric-Lighting System	8/30/1881	95	291 x
279	263149 Commutator for Dynamo or Magneto Electric Machines	10/4/1881	96	296 x
280	479184 Fac-simile Telegraph	12/6/1881	74	239 x
281	400317 Ore-Separator	8/25/1882	37	131 x
282	425763 Commutator for Dynamo-Electric Machines	11/15/1881	76	243 x
283	263142 Electrical Distribution System	10/4/1881	100	316 x
284	264647 Dynamo or Magneto Electric Machine	10/4/1881	101	325 x
285	404902 Electrical-Distribution System	10/4/1881	102	327 x
286	263133 Dynamo or Magneto Electric Machine	11/11/1881	80	263 x
287	257677 Telephone	10/17/1881	104	336 x
288	256021 Telephone	10/17/1881	105	341 x
289	263144 Mold for Carbonizing Incandescents	11/11/1881	83	276 x
290	265774 Method of Maintaining Temperature in Webermeters	11/11/1881	84	277 x
291	264648 Dynamo or Magneto Electric Machine	11/11/1881	85	279 x
292	265776 Electric-Lighting System	11/11/1881	86	282 x
293	524136 Regulator for Dynamo-Electric Machines	11/11/1881	87	285 x
294	273715 Art of Malleabilizing Iron	8/7/1882	63	221 x
295	281352 Webermeter	11/11/1881	89	292 x
296	446667 Locomotive for Electric Railways	8/7/1882	65	227 x
297	288318 Regulator for Dynamo or Magneto Electric Machines	11/11/1881	91	301 x
298	251559 Electrical Drop-Light	11/11/1881	92	306 x
299	263148 Dynamo or Magneto Electric Machine	11/28/1881	93	312 x
300	264646 Dynamo or Magneto Electric Machine	11/28/1881	94	315 x
301	266793 Electric Distribution System	12/9/1881	95	321 x
302	358599 Incandescent Electric Lamp	11/28/1881	96	322 x
303	264673 Regulator for Dynamo-Electric Machines	11/28/1881	97	325 x
304	263138 Electric-Arc Light	11/28/1881	98	326 x
305	265775 Electric-Arc Light	11/28/1881	99	329 x
306	297580 Electric-Arc Light	11/28/1881	100	331 x
307	263146 Dynamo Magneto Electric Machine	11/29/1881	101	335 x

306	31176311	Incandescent Electric Lamp	102
309	266588	Vacuum Apparatus	103
310	251536	Vacuum-Pump	104
311	264650	Manufacture of Incandescent Electric Lamps	105
312	379770	Incandescent Electric Lamp	105
313	264660	Regulator for Dynamo-Electric Machines	106
314	293434	Incandescent Electric Lamp	106
315	439391	Junction-Box for Electric Wires	107
316	454558	Incandescent Electric Lamp	107
317	264653	Incandescent Electric Lamp	107
318	358600	Incandescent Electric Lamp	107
319	264652	Incandescent Electric Lamp	107
320	278419	Dynamo-Electric Machine	107
321	265779	Regulator for Dynamo-Electric Machines	107
322	264654	Incandescent Electric Lamp	107
323	264661	Regulator for Dynamo-Electric Machines	107
324	264664	Regulator for Dynamo-Electric Machines	107
325	264668	Regulator for Dynamo-Electric Machines	107
326	264669	Regulator for Dynamo-Electric Machines	107
327	264671	Regulator for Dynamo-Electric Machines	107
328	275613	Incandescent Electric Lamp	107
329	401646	Incandescent Electric Lamp	107
330	264658	Regulator for Dynamo-Electric Machines	107
331	264659	Regulator for Dynamo-Electric Machines	107
332	265780	Regulator for Dynamo-Electric Machines	107
333	265781	Regulator for Dynamo-Electric Machines	107
334	278416	Manufacture of Incandescent Electric Lamps	107
335	379771	Regulator for Dynamo-Electric Machines	107
336	272034	Telephone	107
337	274576	Transmitting Telephone	107
338	274577	Telephone	107
339	268205	Dynamo or Magneto Electric Machine	107
340	264662	Regulator for Dynamo-Electric Machines	107
341	264663	Regulator for Dynamo-Electric Machines	107
342	264665	Regulator for Dynamo-Electric Machines	107
343	264666	Regulator for Dynamo-Electric Machines	107
344	273488	Regulator for Dynamo-Electric Machines	107
345	460122	Process of and Apparatus for Generating Electricity	107
346	466460	Art of Electrolytic Decomposition	107
347	273492	Secondary Battery	107
348	264667	Regulator for Dynamo-Electric Machines	107
349	264672	Regulator for Dynamo-Electric Machines	107
350	265786	Apparatus for the Electrical Transmission of Power	107
351	273828	System of Underground Conductors for Electrical Distribution	107

352	379772 System of Electrical Distribution	8/7/1882	119	419 x
353	274292 Secondary Battery	8/7/1882	120	421 x
354	365509 Filament for Incandescent Electric Lamps	8/7/1882	121	423 x
355	446668 Electric-Arc Light	8/7/1882	122	427 x
356	543985 Incandescent Conductor for Electric Lamps	8/7/1882	123	431 x
357	281353 Dynamo or Magneto Electric Machine	9/13/1882	103	361 x
358	287523 Dynamo or Magneto Electric Machine	9/13/1882	104	365 x
359	264651 Incandescent Electric Lamp	8/7/1882	126	441 x
360	264655 Incandescent Electric Lamp	8/7/1882	127	443 x
361	264670 Regulator for Dynamo-Electric Machines	8/7/1882	128	449 x
362	273489 Turn-Table for Electric Railways	8/7/1882	129	453 x
363	273490 Electro-Magnetic Railway System	8/7/1882	130	456 x
364	401486 System of Electric Lighting	8/7/1882	131	458 x
365	476527 System of Electric Lighting	8/7/1882	132	466 x
366	439390 System of Electric Lighting	6/26/1882	133	476 x
367	446666 System of Electric Lighting	6/26/1882	134	485 x
368	464822 System of Distributing Electricity	6/26/1882	135	489 x
369	304082 Electrical Meter	8/14/1882	136	497 x
370	274296 Manufacture of Incandescents	8/14/1882	137	498 x
371	264656 Incandescent Electric Lamp	8/14/1882	138	500 x
372	265782 Regulator for Dynamo-Electric Machines	8/14/1882	139	503 x
373	265783 Regulator for Dynamo-Electric Machines	8/14/1882	140	507 x
374	265784 Regulator for Dynamo-Electric Machines	8/14/1882	141	509 x
375	265785 Dynamo-Electric Machine	8/14/1882	142	515 x
376	273494 Electrical Railroad	8/14/1882	143	518 x
377	278418 Apparatus for Translating Electric Currents From High to Low	8/14/1882	144	523 x
378	293435 Electrical Meter	8/14/1882	145	528 x
379	334853 Mold for Carbonizing	8/14/1882	146	531 x
380	339278 Electric Railway	8/14/1882	147	534 x
381	273714 Magneto-Electric Signaling Apparatus	8/7/1882	148	538 x
382	282287 Magneto-Electric Signaling Apparatus	8/7/1882	149	540 x
383	48776 Electric Railway	8/7/1882	150	547 x
384	439392 Electric-Lighting System	8/22/1882	131	477 x
385	271613 Manufacture of Incandescent Electric Lamps	9/13/1882	132	478 x
386	287518 Method of Manufacturing Incandescent Electric Lamps	9/13/1882	133	481 x
387	406825 Electric Meter	9/13/1882	134	485 x
388	439393 Carbonizing-Chamber	9/13/1882	135	489 x
389	273487 Regulator for Dynamo-Electric Machines	9/22/1882	104	384 x
390	297581 Incandescent Electric Lamp	9/22/1882	105	385 x
391	395962 Method of Manufacturing Electric Lamps	9/22/1882	106	388 x
392	287525 Regulator for Systems of Electrical Distribution	10/20/1882	91	334 x
393	365465 Valve-Gear	10/12/1882	94	345 x
394	307028 Filament for Incandescent Lamps	10/12/1882	95	346 x
395	268206 Incandescent Electric Lamp	10/12/1882	96	350 x

396	273486 Incandescent Electric Lamp	10/20/1882	95
397	274293 Electric Lamp	10/20/1882	96
398	275612 Manufacture of Incandescent Electric Lamps	10/20/1882	97
399	430932 Manufacture of Incandescent Lamps	10/20/1882	98
400	271616 Regulator for Dynamo-Electric Machines	10/20/1882	99
401	543986 Process of Treating and Products Derived from Vegetable Fibre	10/20/1882	100
402	543987 Filament for Incandescent Lamps	10/20/1882	101
403	271614 Shafting	10/20/1882	102
404	411016 Manufacture of Carbon Filaments	10/20/1882	103
405	273491 Regulator for Driving Engines of Electrical Generators	10/26/1882	102
406	273493 Valve-Gear for Electrical Generator-Engines	10/26/1882	103
407	492150 Process of Coating Conductors for Incandescent Lamps	10/26/1882	104
408	271615 Governor for Dynamo-Electric Machines	11/19/1882	104
409	273485 Incandescent Electric Lamp	11/19/1882	105
410	3117632 Incandescent Electric Lamp	11/19/1882	106
411	3117633 Incandescent Electric Lamp	11/19/1882	107
412	287520 Incandescent Conductor for Electric Lamps	11/19/1882	108
413	3553783 Incandescent Electric Lamp	11/19/1882	109
414	430933 Filament for Incandescent Lamps	11/19/1882	110
415	274294 Incandescent Electric Lamp	11/23/1882	111
416	281350 Regulator for Dynamo-Electric Machines	11/23/1882	112
417	274295 Incandescent Electric Lamp	11/23/1882	113
418	276233 Electrical Generator and Motor	11/23/1882	114
419	274290 System of Electrical Distribution	11/27/1882	115
420	274291 Mold for Carbonizing	12/6/1882	114
421	278413 Regulator for Dynamo-Electric Machines	12/6/1882	115
422	278414 Regulator for Dynamo-Electric Machines	12/6/1882	116
423	287519 Incandescent Electric Lamp	12/6/1882	117
424	287524 Regulator for Dynamo-Electric Machines	12/6/1882	118
425	438298 Manufacture of Incandescent Electric Lamps	12/6/1882	119
426	276232 Means for Operating and Regulating Electrical Generators	1/8/1883	120
427	278415 Manufacture of Incandescent Electric Lamps	1/22/1883	121
428	278417 Manufacture of Incandescent Electric Lamps	1/22/1883	122
429	281349 Regulator for Dynamo-Electric Machines	1/22/1883	123
430	283985 System of Electrical Distribution	1/22/1883	124
431	285986 System of Electrical Distribution	1/22/1883	125
432	459835 Manufacture of Incandescent Electric Lamps	1/22/1883	126
433	13940 Design for Incandescent Electric Lamp	3/16/1883	109
434	280727 System of Electrical Distribution	3/16/1883	110
435	385123 Circuit-Controller for Dynamo-Electric Machines	3/16/1883	111
436	287521 Dynamo or Magneto Electric Machine	3/16/1883	112
437	287522 Mold for Carbonizing	3/16/1883	113
438	438299 Manufacture of Carbon Filaments	3/16/1883	114
439	446669 Manufacture of Filaments for Incandescent Electric Lamps	3/16/1883	115
			447 x
			115